

**NATIONAL GUARD OF ARIZONA**  
**HUMAN RESOURCE OFFICE**  
5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495  
PHONE (602) 629-4832; DSN 853-4832  
WEBSITE: [www.azguard.gov/hro](http://www.azguard.gov/hro)  
**EXCEPTED**  
**TECHNICIAN VACANCY ANNOUNCEMENT**

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**ANNOUNCEMENT NUMBER: 09-505T OPENING DATE: 4-Jan-2010 CLOSING DATE: 5-Feb-2010**

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**POSITION TITLE, SERIES, GRADE, AND POSITION NUMBER:**

**ELECTRONIC INTEGRATED SYSTEM MECHANIC, WG-2610-13, TCF8977000, SSgt/E5**

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**APPOINTMENT FACTORS:** OFFICER ☐

ENLISTED ☒

**SALARY RANGE:**

SUPERVISORY ☐ MANAGERIAL ☐

**\$25.30-\$29.52 PH**

NON-SUPERVISORY/NON-MANAGERIAL ☒

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**LOCATION OF POSITION:**

**162nd Fighter Wing, Tucson, Arizona**

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**APPLICATIONS MUST BE MAILED OR HAND CARRIED TO: Human Resources Office, 5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495. Applications must arrive by close of business (1530 MST) on the closing date shown above. Applications postmarked on the closing date will be considered late and will not be accepted.** The Human Resources Office will not accept applications that are mailed at government expense or forwarded through an internal mail system. Faxed applications will not be accepted. **Electronic applications are only accepted for those employees who are mobilized. NO BINDERS OR BOUND DOCUMENTS PLEASE.**

**INSTRUCTIONS FOR APPLYING:** Individuals applying for Excepted Technician positions may submit Optional Form 612 (Optional Application for Federal Employment), or a Resume. Whatever form of application that is chosen it must contain the Announcement Number, Title and Grade(s) of the job being applied for. Personal information must include full name and address (including ZIP Code), Day and evening phone numbers (with area code), Social Security Number, Country of citizenship and Highest Federal civilian grade held (also include job series and dates held). Education information must include: High School Name, city and State and dates of diploma or GED, Colleges or Universities Name, city and State, Majors type and years of any degrees received, and total semester or quarter hours earned (if no degree show total credits earned and indicate whether semester or quarter hours). Work experience information should be limited to either paid or nonpaid experience directly related to the position that the individual is applying for and must include: Job Title, Duties and accomplishments, Employers name and address, Supervisors name and phone number, starting and ending dates, hours per week and salary. In addition to the above described information, all applications should include AZNG Forms 335-1-R (Military Brief), and SF 181 (Ethnicity and Race Identification). Applications will be accepted without these forms. However, applications may not receive an adequate evaluation if these forms are not submitted. **Applications must contain a completed Optional Form 306 (Declaration for Federal Employment) and AZNG Form 335-2-R (Knowledge, Skill and Ability Supplement).**

**EVALUATION PROCESS:** Each applicant must **FULLY SUBSTANTIATE** on their application how they meet the requirements listed in the specialized experience area; otherwise applicant will be considered unqualified for this position. Applications will be evaluated solely on information supplied in the application (OF 612) or resume. Experience will be evaluated based on relevance to the position for which application is being made. Include job titles, starting and ending dates (month and year), hours per week, salary, duties/accomplishments, employer(s) name and address, and supervisor(s) name/phone number and permission to contact.

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**CONDITION OF EMPLOYMENT:** Prior to appointment into this position, selectee must be a current member of the Arizona Air National Guard, (162nd FW) and must possess the following AFSC: 2A051S

**KNOWN PROMOTION POTENTIAL: NONE**

**Acceptance of this position requires participation in the Direct Deposit/Electronic Funds Transfer Program.**

**EQUAL OPPORTUNITY:** The Arizona National Guard is an Equal Opportunity Employer. Selection for this position will be made without regard to race, religion, age, national origin, sex, political affiliation, martial status, membership or nonmembership in an employee organization or any other non-merit factor.

**AREA OF CONSIDERATION:** This position is in the Federal/Excepted Civil Service and is **open to current members of the Tucson Area Units, Arizona Air National Guard**. Individual selected will receive a Permanent Appointment subject to the completion of a one year trial period. Acceptance of a Federal Excepted technician position of over 179 days in length will cause termination from the Selected Reserve Incentive Program (BONUS). Individual selected will be required to take a pre-employment medical screening which will be paid for by the Agency. **PCS funds are not authorized.**

**NOTE:** Applications must contain a completed Optional Form 306 (Declaration for Federal Employment).

**NOTE:** Applications must contain a completed AZNG Form 335-2-R (Knowledge, Skill and Ability Supplement).

**NOTE:** This position is subject to rotating or night shift work.

**NOTE:** Tucson Area Units include the 162FW, 214th RG, and Recruiting and Retention personnel assigned to Tucson, AZ.

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**KNOWLEDGE, SKILLS AND ABILITIES REQUIRED FOR SUCCESSFUL PERFORMANCE IN THIS POSITION:**

Each applicant should fully justify on their application how they meet each KSA listed below using AZNG Form 335-2-R to reference the justification.

1. Ability to communicate both orally and in writing.
2. Knowledge of the abbreviated Test Language for all systems (ATLAS) and programming principles sufficient to analyze aircraft avionics equipment and F-16 automated test stations.
3. Knowledge of electronic automated test stations, their peripherals, and associated support equipment.
4. Ability to understand the operation and functioning of integrated avionics systems.
5. Knowledge of electrical theory and electronic fundamentals including solid state, digital, and octal number systems, computer logic, microelectronics (Integrated circuits) microwave principles and computer programming.
6. Knowledge and ability to use schematic, logic and wiring diagrams to interpret data measurements and reference standard devices.
7. Skill in the use of diagnostic and precision test equipment such as dual trace oscilloscopes, signal generators, digital voltmeters, sweep oscillators, spectrum analyzers, etc...

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**SPECIALIZED EXPERIENCE:** Must have at least 24 months experience in intermediate level F-16 avionics maintenance.

**BRIEF JOB DESCRIPTION:** This position is located in the Avionics Intermediate Shop (AIS) of the avionics maintenance branch. On a day-to-day basis, analyzes performance, tests, inspects, troubleshoots, identifies and isolates malfunctions, disassembles, modifies or repairs, reassembles, and aligns the test stations and their associated peripherals. Evaluates complex interrelated variables from a mix of computer hardware and software, switching unit measurement and stimulus systems, and special purpose test subsystems. Modifies and updates avionics support equipment and support software according to applicable technical publications. Analyzes program data and determines if the criteria is sufficient to provide adequate testing and troubleshooting. Examines recurring malfunctions and software deficiencies to determine testing voids and initiates corrective action by submission of Quality Deficiency Reports, Software Deficiency Reports or proposed modifications. Certifies, calibrates and aligns the assigned avionics computerized test station or stations and support equipment to the appropriate shop standard of the Precision Measurement Equipment Laboratory, using special and standard tools and procedures. Inspects and evaluates test station and components. Troubleshoots associated testing equipment and aircraft line replaceable units that interface the test station system to facilitate maintenance/repair from avionics systems including radar, fire control, instrument, flight control, inertial navigation, malfunction analysis and recording equipment systems. Determines whether failures are caused by the unit under test, the test station, or the test program. Analyzes performance and isolates malfunctions of aircraft line replaceable units. Uses computer and manual test stations and equipment to determine operational condition of components of aircraft systems including attack control, navigation radar, electro-optical and sensor, weapons delivery, analog and flight data recorder systems. Receives newly developed and /or extensively modified programs from the section supervisor and/or the engineer for specific items of equipment. Investigates discrepancies, incompatibilities, and anomalies in test programs and automated fault isolation procedures to determine the true nature of problems encountered. Provides hands-on training instructions to lower grade personnel concerned with repair of computer controlled automatic test equipment, line replaceable units and aircraft integrated systems. Complies with safety, fire, security and house keeping regulations. Processes and accounts for due in from maintenance supply assets. Prepares for and participates in various types of readiness evaluations such as ORI and IG inspections, and Unit Effectiveness inspections and mobility and command support exercises. Additional duties as assigned.

**SELECTING OFFICIAL:** SMSgt David Velasco DSN: 844-6411

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